

**CLAIMS**

1. Apparatus comprising framestore demultiplexing means for creating a specific area of interest which has a higher frame rate than a surrounding area.
2. Apparatus according to claim 1 and including tracker means for use with the framestore demultiplexing means.
3. Apparatus according to claim 2 in which the tracker means is a head slaved tracker means.
4. Apparatus according to claim 2 and in which the tracker means is for tracking the specific area of interest.
5. Apparatus according to claim 1 and including a high speed video switcher for use with the framestore demultiplexing means in order to create the specific area of interest.
6. Apparatus according to claim 1 and including a video switch that selects data at sub-frame level from image sources that may update at different but synchronous rates.
7. Display apparatus comprising apparatus according to claim 1.

8. Display apparatus according to claim 7 and which is a large array display apparatus.

9. A simulator comprising display apparatus according to claim 8.

10. A simulator according to claim 9 in which the simulator is a flight simulator, an air traffic control simulator, or a driving simulator.